

**INFORMATION REPORT**

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COUNTRY USSR (Estonia)

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SUBJECT Power Station and Cement Factory in Tallinn

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**The Cement Factory**

1. **Location:** The cement factory in Tallinn is right on the coast of the Gulf of Finland, west of the actual harbor installations in Tallinn.
2. **Installations** (see Attachments I and II for exact description and map of installations): The construction of this new plant was begun in 1946, and, although in the fall of 1947 the production sections were declared ready for use, building was still going on in the summer of 1948. Despite the recent construction of the plant, the technical equipment is said not to meet modern requirements, though source did not have the technical training to judge this himself. The supplying of materials, however, is completely mechanized, and the cement powder is conveyed into the cement silos by means of an automatic blower. A special railway spur, built in 1946, runs up to the cement silos, where the loading is done by mechanical means. Electricity is provided by the nearby power station.
3. **Production:** Except for a few trial runs, the plant had not been put into production [REDACTED] and reportedly such was still the situation in the early part of 1949. The factory is said to have been designed to produce a special slag (Schlacke) cement with a greater durability and more manifold uses than the previously produced types of cement. Allegedly this special cement was compounded successfully in the laboratory, but difficulties were encountered in its practical production. Now the cause of these difficulties is being sought.
4. **Management:** The plant is directed by a Russian, who always appears in civilian clothes. The former Estonian manager was withdrawn from this post in 1947 and required to work as an ordinary mason.
5. **Security measures:** The plant yard is fenced in except along the beach, and there is a guard at the main gate into the yard.

**Power Station**

6. **Location:** The power station is located about 500 meters south of the [REDACTED]

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coast of the Gulf of Finland and about 500 meters west of the cement factory.

7. Installations: Part of the plant is an old power station apparently several decades old. Annexed to the old building is a new power station, whose construction was begun in 1948. The new station should be able to produce at its full capacity in the course of 1949 if its second boiler arrives in time. [REDACTED] the boiler still was not there.

8. According to German engine-fitters working there, the technical equipment in the new plant corresponds in some measure to the requirements of a modern power station. In the old part are housed a switch house and transforming equipment. The two large steam turbo generators here at the time of the German occupation were replaced by three smaller turbo generators after the Soviets took over.

9. The plant's boiler installations are fired by oil shale, which is stacked in great heaps in the area between the plant and the coast. A cable railway with flat cars brings this shale into both the old and the new power stations. Railroad spurs connect the installations in the area with both the harbor and the main railroad station.

10. Production: The three new generators together do not produce as much as one of the generators used under the German administration. Although in 1948 a new engine set in the new power plant was put into production, at certain times of the day there are still disconnections of current in parts of the city. It is hoped, however, that after the second boiler is running in the new plant, current for the city will in some measure be assured. Exact production figures are unknown to source.

11. Management: Following the pattern in most enterprises in Estonia, the power plant is directed by a Director.

12. Security measures: Since the power plant is not fenced in, guards are stationed at all the main entrances into the building. The oil shale dump is also guarded.

Encl: 1 key to map  
1 map

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## ATTACHMENT I

## KEY TO MAP IN ATTACHMENT II

1. PW Camp Nr. 7286/2.

Cement Factory

2. The main plant, 40 x 40 meters, in which the cement is produced.
3. Two round silos, 40 or 50 meters high, in which the finished cement is stored.
4. Building, 30 x 12 meters, in which a garage and repair shops are housed.
5. A small switch house and transformer, measuring approximately 25 x 8 meters. This serves only the cement factory. A cable connects it with the nearby power station.
6. Transformer.
7. Warehouse, still under construction in 1948. It is to be used to store materials for the plant.
8. Two-story administration building.
9. Guard.

Power Station

10. New power station.

11. Old power station.

12. Chimneys for the old and new plants. The old plant's chimney is of iron and 75 meters high. The new plant's chimney is walled-in (gemauerte) and 105 meters high.

13. Dams for oil shales.

o —— o —— Cable railway with flat cars, which bring oil shale into the power station and carry away ashes.

X X X X Cable.

— — — — Railway spur.

— — — — Street.

X — — — X Fence.

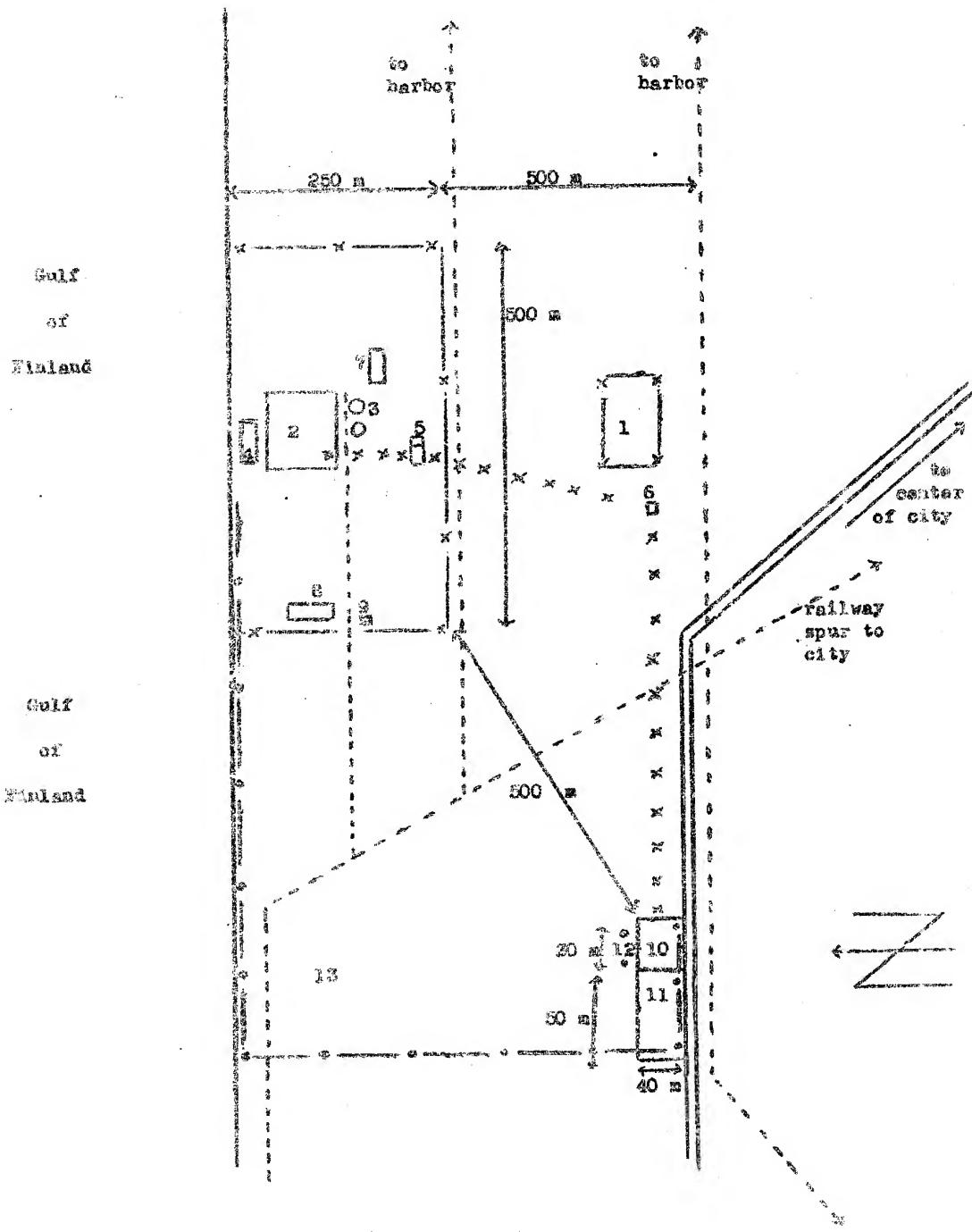
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ATTACHMENT II

## POWER STATION AND CEMENT FACTORY IN TALLINN

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